

# **South & Central America Public Key Infrastructure Market Forecast to 2030 - Regional Analysis - by Component [Solutions and Services (Professional Services and Managed Services)], Deployment (On-Premise and Cloud), Enterprise Size (SMEs and Large Enterprises), and End User (BFSI, Retail & E-commerce, Government & Defense, IT & Telecom, Manufacturing & Automotive, and Others)**

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## **Abstracts**

The South & Central America public key infrastructure market is expected to grow from US\$ 201.31 million in 2022 to US\$ 600.80 million by 2030. It is estimated to grow at a CAGR of 14.6% from 2022 to 2030.

Blockchain Integration Fuels South & Central America Public Key Infrastructure Market  
Blockchain integration presents a compelling opportunity to the PKI market by enhancing the security and functionality of decentralized systems. PKI provides a robust framework for managing digital identities, authenticating users, and securing communications - essential components for blockchain networks. As blockchain relies on cryptographic keys for identity verification and transaction integrity, PKIs expertise in key management seamlessly aligns with blockchains requirements. The combination ensures the trustworthiness of digital transactions, mitigates the risk of unauthorized access, and safeguards the integrity of data within the blockchain. This synergy between PKI and blockchain is crucial for fostering trust in decentralized ecosystems, making PKI a key enabler for blockchain-based applications ranging from financial transactions to supply chain management. As blockchain continues to permeate various industries, the demand for PKI solutions to fortify the security infrastructure of decentralized networks is a significant avenue for the PKI market.

## South & Central America Public Key Infrastructure Market Overview

The SAM public key infrastructure market is segmented into Brazil, Argentina, and the Rest of SAM. SAM is strongly focusing on improving its manufacturing capacity through digital transformation and in advancing its telecommunications infrastructure, in order to stabilize its economies. Such trends are supporting the public key infrastructure market growth in SAM. Nowadays, in the connected era, South America relies on various technologies, such as mobile banking, to secure the most critical systems. As the use of technology surges, so does the volume of the threats. South America has one of the fastest-growing Internet populations globally, giving rise to several significant cybersecurity challenges. Criminals are continuously looking to exploit new vulnerabilities to steal identities and intellectual property. The region saw increases in data breaches, mobile malware, and other online threats. The region is witnessing an increase in the adoption of IoT technology. In July 2021, the Brazilian government launched a new technology development center to focus on IoT approaches, 5G networks, and robotics. The center is also expected to generate new jobs and skilled professionals in Industry 4.0 technologies and applications in various sectors, including product manufacturing. With the increasing adoption of IoT, the need for advanced security solutions is also increasing in the region, fueling the growth of the public key infrastructure market in SAM.

Network operators in the region are implementing public key infrastructure technology to mitigate the risk associated with cybercrimes. Also, several companies in the region are inclined toward providing security solutions such as public key infrastructure solutions. With the help of inorganic growth strategies, such as acquisitions, companies are expanding their presence in the region. For instance, in November 2018, Entrust Datacard, a provider of identity and secure technology solutions, acquired Safelayer Secure Communications S.A. The acquisition enabled Entrust Datacard to continue to expand its market presence and technical capabilities in South America. Thus, all the above factors are boosting the growth of the public key infrastructure market in SAM.

### South & Central America Public Key Infrastructure Market Revenue and Forecast to 2030 (US\$ Million)

## South & Central America Public Key Infrastructure Market Segmentation

The South & Central America public key infrastructure market is segmented into component, deployment, enterprise size, end user, and country.

Based on component, the South & Central America public key infrastructure market is segmented into solutions and services. The solutions segment held a larger share of the South & Central America public key infrastructure market in 2022. The services segment is further sub segmented into professional services and managed services. Based on deployment, the South & Central America public key infrastructure market is segmented into on-premise and cloud. The on-premise segment held a larger share of

the South & Central America public key infrastructure market in 2022.

Based on enterprise size, the South & Central America public key infrastructure market is segmented into SMEs and large enterprises. The large enterprises segment held a larger share of the South & Central America public key infrastructure market in 2022.

Based on end user, the South & Central America public key infrastructure market is segmented into BFSI, retail & e-commerce, government & defense, IT & telecom, manufacturing & automotive, and others. The BFSI segment held the largest share of the South & Central America public key infrastructure market in 2022.

Based on country, the South & Central America public key infrastructure market is segmented into Brazil, Argentina, and the Rest of South & Central America. Brazil dominated the South & Central America public key infrastructure market in 2022.

eMudhra Limited, Entrust Corp, Fortinet Inc., GMO GlobalSign Ltd, and Thales SA are some of the leading companies operating in the South & Central America public key infrastructure market.

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